

US005241716A

United States Patent [19]

Kohus

4,376,318

4,811,437

4,837,875

4,483,026 11/1984

4,614,454 9/1986

3/1983

3/1989

6/1989 4,934,025 6/1990

Patent Number: [11]

5,241,716

Date of Patent: [45]

Sep. 7, 1993

[54]	FOLDABLE PLAY YARD HAVING MESHING HINGE GEAR FRAME LOCKS		
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[21]	Appl. No	.: 95 7	7,692
[22]	Filed:	Oc	t. 7, 1992
[51] [52]	Int. Cl. ⁵ . U.S. Cl.	••••••	
[58]	Field of S	earch	16/354 5/99.1, 98.1, 93.1; 16/354, 366, 349
[56]	References Cited		
	U.S.	PAT	ENT DOCUMENTS
			Ralick 5/99.1 Satt 5/99.1

FOREIGN PATENT DOCUMENTS

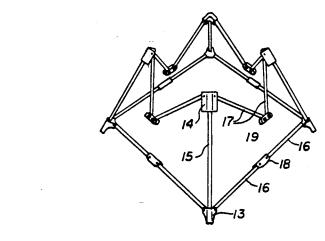
2365918 3/1977 Fed. Rep. of Germany 16/354

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ABSTRACT

A portable play yard comprises a frame assembly and a fabric enclosure. The frame assembly comprises lower and upper corner rail connecting members, vertical corner rails, a pair of pivotally connected floor support rails between each set of lower corner rail connecting members, and a pair of pivotally connected upper side rail members between each set of upper corner rail connecting members. A frame lock is mounted on ends of the upper side rails to hold the side rails in a straight in-line mode or, upon rotation, allows the side rails to pivot downwardly. Meshing hinge gears in each frame lock form a single pivot point for the two upper side rail ends held by the frame lock. The frame assembly is folded to a compact unit by initially rotating the frame locks and then folding the assembly. The frame assembly is capable of holding the fabric enclosure so as to provide a play yard.

10 Claims, 6 Drawing Sheets



Cirillo 5/99.1

Kassai 5/99.1

Kassai 16/354

Dillner et al. 5/99.1

Shamie 5/99.1

Mariol 16/347

4,985,948 1/1991 Mariol 5/99.1

